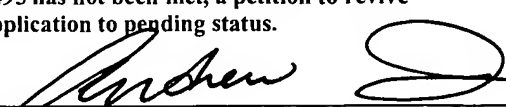


FORM PTO 1390 (REV 11-2000)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY'S DOCKET NUMBER <b>DNAG-287</b>	
<b>TRANSMITTAL LETTER TO THE UNITED STATES          DESIGNATED/ELECTED OFFICE (DO/EO/US)          CONCERNING A FILING UNDER 35 U.S.C. 371</b>				U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <div style="font-size: 24pt; font-weight: bold;">10/506737</div>	
INTERNATIONAL APPLICATION NO. <b>PCT/EP03/01658</b>		INTERNATIONAL FILING DATES <b>February 19, 2003</b>		PRIORITY DATE CLAIMED <b>March 5, 2002 and February 14, 2003</b>	
<b>METAL-CERAMIC COMPOSITES FOR TRIBOLOGICAL USES AND DEFINED          SLIDING/FRICTION PAIRS BASED ON SAID MATERIALS</b>					
APPLICANT(S) FOR DO/EO/US <b>Meier, et al.</b>					
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other informationX					
<ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing 35 U.S.C. 371</li> <li>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below.</li> <li>4. <input checked="" type="checkbox"/> The US has been elected by the expiration of 19 months from the priority date (PCT Article 31).</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2))           <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)).           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).</li> <li>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).(unsigned)</li> <li>10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).</li> </ol>					
<b>Items 11 to 20 below concern document(s) or information included:</b>					
<ol style="list-style-type: none"> <li>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>13. <input checked="" type="checkbox"/> A <b>FIRST</b> preliminary amendment.</li> <li>14. <input type="checkbox"/> A <b>SECOND</b> or <b>SUBSEQUENT</b> preliminary amendment.</li> <li>15. <input type="checkbox"/> A substitute specification.</li> <li>16. <input type="checkbox"/> A change of power of attorney and/or address letter.</li> <li>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.</li> <li>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</li> <li>20. <input checked="" type="checkbox"/> Other items or information    PCT/IB/308; PCT/IB/332; PCT/IPEA/416; PCT/IPEA/409</li> </ol>					

DT09 Rec'd PCT/PTO 03 SEP 2004

U.S. APPLICATION NO. <b>10/506737</b>		INTERNATIONAL APPLICATION NO. <b>PCT/EP03/01658</b>		ATTORNEY'S DOCKET NUMBER <b>DNAG-287</b>					
17. <input checked="" type="checkbox"/> The following fees are submitted: <b>BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) – (5)):</b> <input type="checkbox"/> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO And International Search Report not prepared by the EPO or JPO ..... \$1040.00 <input checked="" type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report will be prepared by the EPO or JPO ..... \$900.00 <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... \$740.00 <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) ..... \$710.00 <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO ..... <b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b> Surcharge of \$ _____ for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input checked="" type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).				<b>CALCULATIONS PTO USE ONLY</b>           <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%; text-align: right;">\$ 900.00</td> <td style="width:50%;"></td> </tr> <tr> <td style="text-align: right;">\$ 130.00</td> <td></td> </tr> </table>		\$ 900.00		\$ 130.00	
\$ 900.00									
\$ 130.00									
<b>CLAIMS</b>	<b>NUMBER FILED</b>	<b>NUMBER EXTRA</b>	<b>RATE</b>						
Total claims	20 =			\$					
Independent claims	1-3 =	0	X	\$					
MULTIPLE DEPENDENT CLAIM(s) (if applicable)			X	\$					
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$					
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above Are reduced by 1/2.				\$	1030.00				
<b>SUBTOTAL =</b>				\$	1030.00				
Processing fee of \$ _____ For furnishing the English translation later than <input type="checkbox"/> 20 <input checked="" type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492 (f)). +				\$	130.00				
<b>TOTAL NATIONAL FEE =</b>				\$	1160.00				
Fee for recording the enclosed assignment (37 CFR 1.21 (h)). Assignment Must be accompanied by appropriate cover sheet (37 CFR 3.28, 3.31) ( _____ Per property). +				\$					
<b>TOTAL FEES ENCLOSED =</b>				\$	1160.00				
				<b>Amount to be Refunded:</b>	\$				
				<b>Charged:</b>	\$				
<input checked="" type="checkbox"/> A check in the amount of \$ <u>1160.00</u>  b. <input type="checkbox"/> Please charge my Deposit Account No. <u>50-0624</u> in the amount of \$ _____ To cover the above fees. A duplicate copy of this sheet is enclosed.  c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required or credit Any overpayment to my Deposit Account No. <u>50-0624</u> . A duplicate copy of this sheet is enclosed.									
<b>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.</b>									
SEND ALL CORRESPONDENCE TO: Customer No. 24972 (212) 318-3000 FULBRIGHT & JAWORSKI L.L.P. 666 Fifth Avenue New York, New York 10103 Customer No. 24972									
				SIGNATURE:  C. Andrew Im NAME <div style="text-align: right;">40,657</div>					

10/506737

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Certificate of Express Mail

This mail is being sent by Express Mail No. EV 331561366 US

In an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA. 22313-1450

On SEPTEMBER 3, 2004

By Eileen Sheffield

*Eileen Sheffield*